IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Amin et al. Confirmation Number: To be determined

Serial No.: To be determined Group Art Unit: To be determined

Filed: On even date herewith Examiner: To be determined

For: SYSTEMS AND METHODS FOR Attorney Docket No.: 706700-999184

ENTANGLING QUBITS

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115

Mail Stop: Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Please amend the above-identified application as follows. Applicants submit concurrently herewith a Fee Transmittal Sheet and an Information Disclosure Statement.

Amendments to the Title begin on page 2 of this paper.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims begin on page 11 of this paper.

Remarks / Arguments begin on page 15 of this paper.

Amendments to the Title

Please change the title to read as follows:

SYSTEMS AND METHODS FOR ENTANGLING QUBITS